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MTC 6816  
PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application of Knutzon  
Serial No. 09/330,235  
Filed: June 10, 1999  
Confirmation No. 9182  
For: POLYUNSATURATED FATTY ACIDS IN PLANTS  
Examiner Elizabeth F. McElwain

Art Unit 1638

April 8, 2002

**RESPONSE TO OFFICE ACTION UNDER 37 C.F.R. §1.111**

TO THE COMMISSIONER OF PATENTS AND TRADEMARKS  
WASHINGTON, D.C. 20231

SIR:

In response to the Office action mailed November 7, 2001, the time for response to which is extended to April 7, 2002, by the attached payment of the fee required under 37 C.F.R. §1.136(a), please enter the following amendment(s):

**REMARKS**

With this response, claims 1-12 are pending. Reexamination and reconsideration of the present application are respectfully requested in view of the present remarks.

**35 U.S.C. 112, First Paragraph**

The Office rejected claims 1-12 under 35 U.S.C. 112, first paragraph, for lack of enablement. Specifically, the Office states that while the claims are drawn to a method of producing stearidonic acid in a plant seed by growing a plant that has introduced into its genome a delta-6, and possibly also a delta-12 and a delta-15, desaturase gene, "the specification does not teach the production of any plant that has introduced into it's genome either the delta-6 desaturase